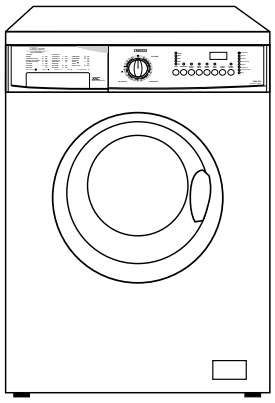
ZANUSSI

WASHING MACHINE

ZWH 520



USER MANUAL

132990310

GB

Dear customer,

Please read these operating instructions carefully and pay particular attention to the safety notes indicated in the first pages. We recommend that you keep this instruction booklet for future reference and pass it on to any future owners.

Transport damages

When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.

The symbols you will see on some paragraphs of this booklet have the following meaning:

The warning triangle and/or the key words (Warning!, Caution!) emphasize information that is particularly important for your safety or correct functioning of the appliance.

The information marked with this symbol provides additional instructions and practical tips on the use of the appliance.

Tips and information about economical and ecological use of the machine are marked with this symbol.

Our contribution to the protection of the environment: we use recycled paper.

Contents

Warnings 4-5

Disposal 5

Tips for environmental protection 5

Technical specifications 6

Installation 7

- Unpacking 7
- Positioning 7
- Water inlet 7
- Water drainage 8
- Electrical connection 8

Your new washing machine 9

Description of the appliance 9

- Detergent dispenser drawer 9

Use 10

- Control panel 10
- Controls 10-14
  - Washing hints 14
  - Sorting the laundry 14
  - Temperatures 14
  - Before loading the laundry 14
  - Maximum loads 14
  - Laundry weights 14
  - Removing stains 14
  - Detergents and additives 15
- International wash code symbols 16
- Operating sequence 17-18
- Washing programmes 19-21

Maintenance 22

- Door seal 22
- Bodywork 22
- Detergent dispenser drawer 22
- Drain pump 22-23
- Water inlet filter 23
- Emergency emptying out 23
- Frost precautions 23

Something not working? 24-25

ENGLISH

⚠ Warnings

The following warnings are provided in the interests of overall safety. You must read them carefully before installing or using the appliance.

Installation

- All internal packing must be removed before using the appliance. Serious damage may be caused to the machine or adjacent furniture if the protective transit devices are not removed or are not completely removed. Refer to the relevant paragraph in the instruction book.
- Any electrical work required to install this appliance must be carried out by a qualified electrician.
- Any plumbing work required to install this appliance must be carried out by a qualified plumber.
- After having installed the machine, check that it is not standing on its electrical supply cable.
- If the appliance is placed on a carpeted floor, ensure that air can circulate freely between the feet and the floor.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash fabrics which are designed to be machine washed. Follow the instructions on each garment label.
- Do not overload the appliance. Follow the instructions in the instruction book.
- Make sure that all pockets are empty. Objects such as coins, safety pins, pins and screws can cause extensive damage.
- Do not machine wash garments saturated with petroleum, methylated spirits, trichlorethylene, etc. If such fluids have been used to remove stains prior to washing, wait until they have completely evaporated from the fabric before placing garments in the appliance.
- Place small items such as socks, belts, etc. in a cloth bag or pillowcase to prevent them getting trapped between the drum and the tub.
- Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.
- Leave the porthole door slightly ajar when the appliance is not in use. This preserves the door seal and prevents the formation of musty smells.
- Always check that water has emptied out before opening the door. If not, drain the water following the instructions in the instruction book.
- Always unplug the appliance and shut the water tap after use.

General safety

- Repairs to the machine must be carried out only by qualified personnel. Repairs carried out by inexperienced persons could cause serious danger. Contact your local Service Centre.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- During high temperature wash programmes the door glass may get hot. Do not touch it!

Child safety

- Children are often not aware of how dangerous electrical appliances can be. When the machine is working, children should be carefully supervised and not be allowed to play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children's reach.
- Keep all detergents in a safe place out of children's reach.
- Make sure that children or pets do not climb into the drum.
- When the appliance is to be scrapped, cut off the electrical supply cable and destroy the plug with the remaining cable. Disable the door catch in order to prevent children from becoming trapped inside while playing.

Disposal

Packaging materials

The materials marked with the symbol ♺ are recyclable.

>PE<=polyethylene

>PS<=polystyrene

>PP<=polypropylene

This means that they can be recycled by disposing of them properly in appropriate collection containers.

Machine

Use authorised disposal sites for your old appliance. Help to keep your country tidy!

Tips for environmental protection

To save water, energy and to help protect the environment, we recommend that you follow these tips:

- Normally soiled laundry may be washed without prewashing in order to save detergent, water and time (the environment is protected too!).
- The machine works more economically if it is fully loaded.
- With adequate pre-treatment, stains and limited soiling can be removed; the laundry can then be washed at a lower temperature, so saving energy.
- Measure out detergent according to the water hardness, the degree of soiling and the quantity of laundry being washed.

Technical specifications

DIMENSIONS	Height	85 cm
	Width	60 cm
	Depth	63 cm
MAXIMUM LOAD	Cotton	6.5 kg
	Synthetics	3 kg
	Delicates	3 kg
	Woollens and handwash	2 kg
SPIN SPEED		1200 rpm max.
POWER SUPPLY VOLTAGE/FREQUENCY		220-230 V/50 Hz
TOTAL POWER ABSORBED		2200 W
MINIMUM FUSE PROTECTION		10 A
WATER PRESSURE	Minimum	50 kPa
	Maximum	800 kPa

CE This appliance complies with the following EEC Directives:
73/23/EEC of 19/02/73 relating to low voltage
89/336/EEC of 03/05/89 relating to electromagnetic compatibility.

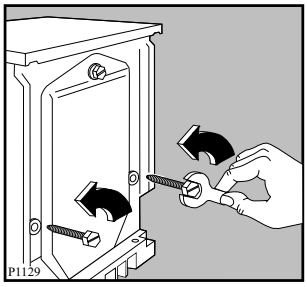
Installation

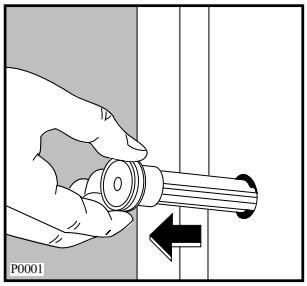
Unpacking

⚠ All transit bolts and packing must be removed before using the appliance.

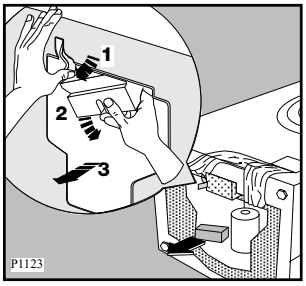
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

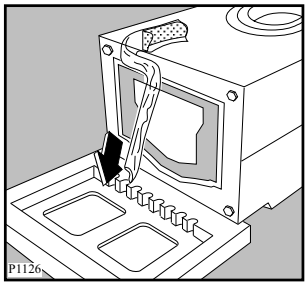
1. Using a spanner, unscrew and remove the two rear bottom screws. Slide out the two plastic pins.



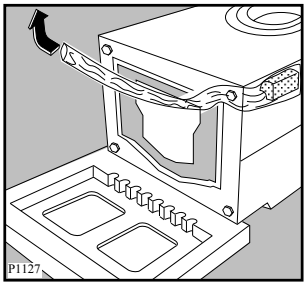


2. Lay the machine on its back, taking care not to squash the hoses. This can be avoided by placing one of the corner packing pieces between the machine and the floor.
3. Remove the polystyrene block(s) from the bottom of the machine. Unscrew and remove the four feet. Release the two plastic bags.
4. Very carefully slide out the left polythene bag, removing it towards the right and then downwards.

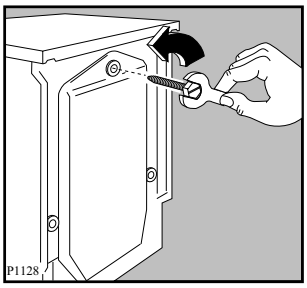


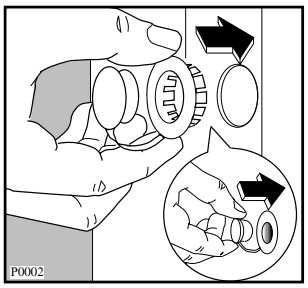


5. Very carefully slide out the right polythene bag, removing it towards the left and then upwards.



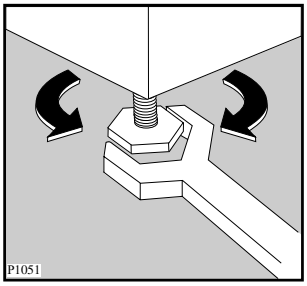
6. Set the machine upright and remove the remaining rear screw. Slide out the relevant pin.
7. Plug all the holes with the plugs which you will find in the envelope containing the instruction booklet.





Positioning

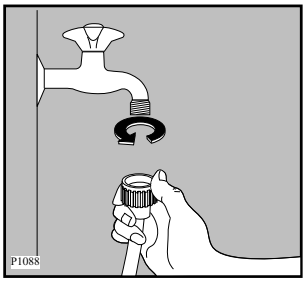
Install the machine on a flat hard floor.
Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units.
Carefully level by screwing the adjustable feet in or out. Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.

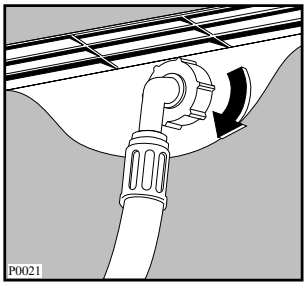


Water inlet

Connect the water inlet hose to a tap with a 3/4" thread.
Do not use already employed hoses for water connection.

Important!
Before connecting up the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.





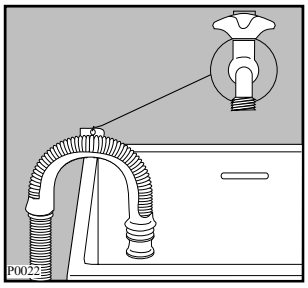
The other end of the inlet hose which connects to the machine can be turned in any direction. Simply loosen the fitting, rotate the hose and retighten the fitting, making sure there are no water leaks.

The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.

Water drainage

The end of the drain hose can be positioned in three ways:

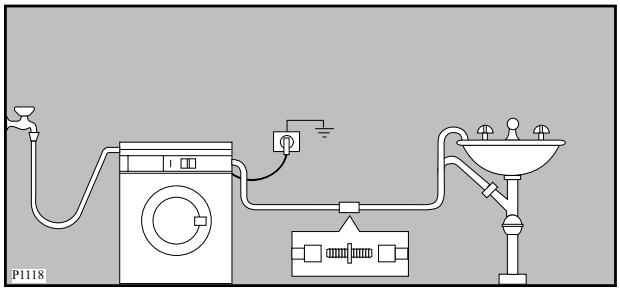
Hooked over the edge of a sink using the plastic hose guide supplied with the machine. In this case, make sure the end cannot come unhooked when the machine is emptying.
This could be done by tying it to the tap with a piece of string or attaching it to the wall.



In a sink drain pipe branch. This branch must be above the trap so that the bend is at least 60 cm above the ground.

Directly into a drain pipe at a height of not less than 60 cm and not more than 90 cm.
The end of the drain hose must always be **ventilated**, i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose.

The drain hose must not be kinked.



For a correct functioning of the machine the drain hose must remain hooked on the proper support piece situated on the top part of the back side of the appliance.

Electrical connection

This machine is designed to operate on a 220-230 V, single-phase, 50 Hz supply.

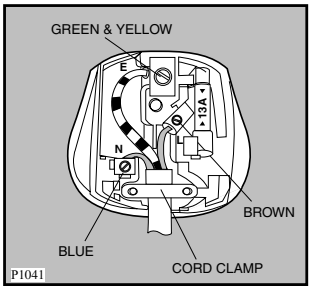
Check that your domestic electrical installation can take the maximum load required (2.2 kW), also taking into account any other appliances in use.

WARNING: THIS APPLIANCE MUST BE EARTHED.

The manufacturer declines any liability should this safety measure not be observed.

The appliance is supplied with a 13amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13amp ASTA approved (BS1363A) fuse must be used.
Should the plug need to be replaced for any reason, proceed as described below.
The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	- Earth
Blue	- Neutral
Brown	- Live



The wire coloured green and yellow must be connected to the terminal marked with the letter «E» or by the earth symbol ⏚ or coloured green and yellow.

The wire coloured blue must be connected to the terminal «N» or coloured black.

The wire coloured brown must be connected to the terminal marked «L» or coloured red.
Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

WARNING:

A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard.
Ensure that the cut off plug is disposed of safely.

Your new washing machine

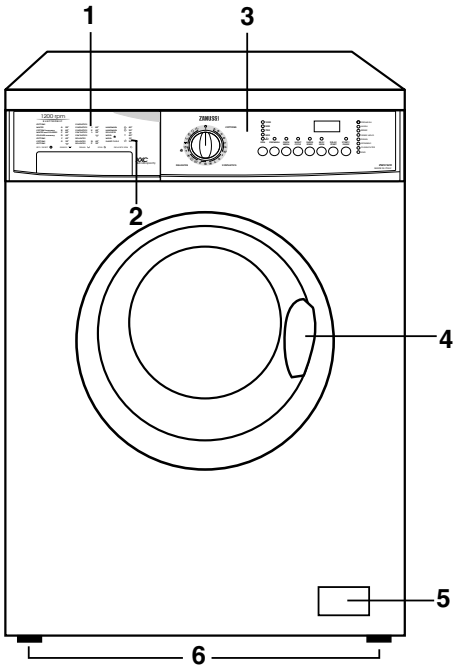
This new washing machine, patented Zanussi, meets all modern needs for effective treatment of laundry with low water, energy and detergent consumption.

Further savings are achieved by washing small loads of laundry, since water and electricity consumption is proportional to the quantity and type of laundry being washed.

- **The possibility** of selecting the temperature, spin speed and all the options offered by this washing machine gives you truly “customised” washing.
- **The programme progress display** shows the programme steps selected and the programme phase which is running.
- **The automatic cooling of the washing water** from 95° to 60°C before draining will prevent old drain pipes from being deformed.
- **The special HANDWASH programme** with its new delicate wash system treats your woollens and delicate items with extreme care.
- **The balance control device** ensures the machine is stable during the spin.
- **The ECO valve** allows total use of detergent and reduces water consumption so saving energy.

Description of the appliance

1 Detergent dispenser drawer
2 Programme chart
3 Control panel
4 Door handle
5 Drain pump
6 Adjustable feet

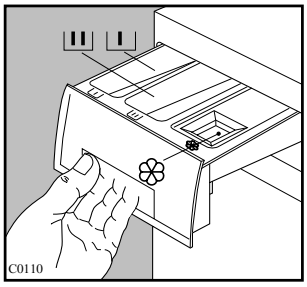


Detergent dispenser drawer

Prewash

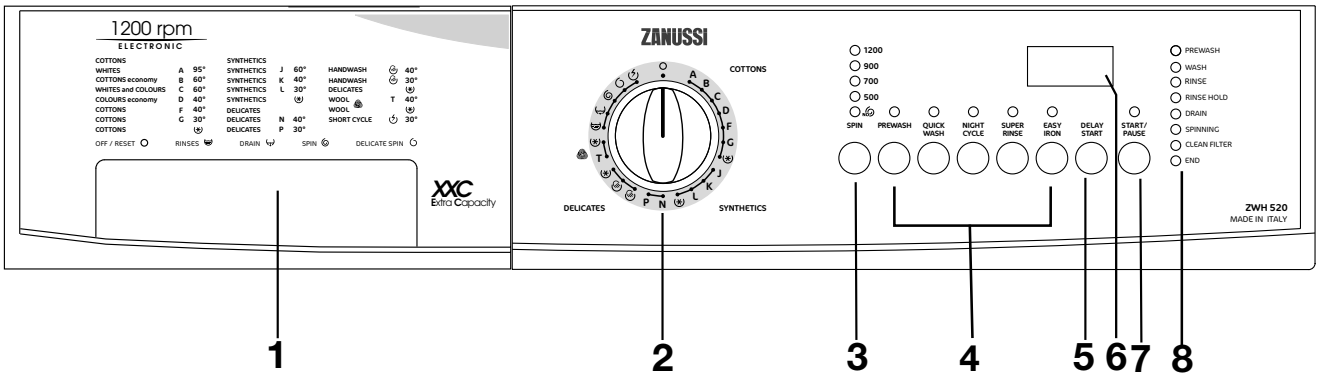
Main wash

Fabric softener, starch



Use

Control panel

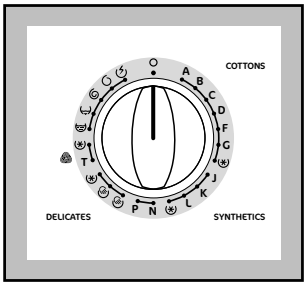


1 Detergent dispenser drawer and programme chart

2 Programme selector dial

The selector is divided into following sections:

- Cotton, linen
- Synthetics
- Delicates
- Hand washing
- Wool
- Special programmes from rinses to Short Cycle
- Reset/Off programme **O**



The selector dial can be turned either clockwise or anticlockwise.
Positions **B** and **D** correspond to the ENERGY SAVING programme and position to "cold wash".

At the end of the programme the selector dial must be turned to position O.

3 Spin speed button

Press this button to reduce the maximum speed of the final spin proposed by the machine for the selected programme or to select position (no spin).
The light corresponding to the selected option illuminates.

Spin speed

The following speeds are available for the different fabrics:

- Cotton, linen:
  500/700/900 max 1200 r.p.m.;
- Synthetics, wool and handwash:
  500/700 max 900 r.p.m.;
- Delicates and :
  500 max 700 r.p.m.

No spin

By selecting the option the spinning phases are suppressed.

If you select this option with programmes for cotton and synthetics, the machine will perform some extra rinses.

4 Option buttons

Depending on the programme, different functions can be combined. These must be selected after choosing the desired programme and before depressing the “”Start/Pause” button.

When these buttons are pressed, the corresponding pilot lights come on. When they are pressed again, the pilot lights go out.
If an incorrect option is selected, the pilot lights flash for about 2 seconds and the message Err is displayed and the acoustic signal sounds.

Press these buttons to select the following options:

- **Prewash**: select this option if you wish your laundry to be prewashed before the main wash. The prewash cycle ends with a short spin at 650 r.p.m. in programmes for cotton and synthetics, and with emptying of the water for delicates.
  This option is **not** available with the wool and hand wash programmes.
  For use when washing heavily soiled laundry.
- **Quick wash:** this option can be used for lightly soiled laundry in order to obtain a good washing programme in a short time.
  This option is **not** available with the wool and hand wash programme, the Energy saving programme (B and D), and “Short cycle” .
- **Night cycle**: when you choose this option, the machine will not drain the water of the last rinse, so as not to wrinkle the laundry.

  As all spinning phases are suppressed, this washing cycle is very quiet and it can be useful at night or in hours with more economical power rate.

  On cotton and synthetic programmes the rinses will be performed with more water.

  At the end of the cycle, the light corresponding to the option NIGHT CYCLE and the RINSE HOLD pilot phase light are on, the START/PAUSE button light goes out and the door is blocked to indicate that the water must be drained.
  A blinking zero will appear on the display.

To empty out water there are 2 possibilities:

- Select (drain) programme :
  the water is emptied out without spinning.
- Select the (spin) or the (delicate spin).
  Select the spin speed by means of the relevant button and then depress the START/PAUSE button. The water is emptied out and the laundry is spun at the selected spin speed.

  Attention! Before selecting programme , or the selector dial has to be positioned on **O**.

- **Super rinse:** this option can be selected with all programmes, except the wool programme and hand wash. The machine will add 2 rinses to the selected programme.

  This option is recommended for people who are allergic to detergents, and areas where the water is very soft.

- **Easy iron:** selecting this button the laundry is gently washed and spun to avoid any creasing. In this way ironing is easier. Furthermore the machine will perform 6 rinses instead of 3 for cotton and 4 rinses instead of 3 for synthetics. This function can be used for cotton and synthetic fabrics. For cottons maximum spin speed is automatically reduced to 900 rpm.

5 DELAY START button

The wash programme can be delayed from 30 min – 60 min – 90 min, 2 hours and then by 1 hour up to a maximum of 23 hours by means of this button.

Selecting the delayed start

- Select the programme and the required options.
- Select the delay start.
- Depress START/PAUSE button: the machine starts its hourly countdown.

The programme will start after the selected delay has expired.

Altering the delayed start

- Depress START/PAUSE button .
- Depress DELAY START button until the required time is displayed: the symbol 0’ is displayed.
- Depress START/PAUSE button again.

6 Dispay

The display shows the following information:

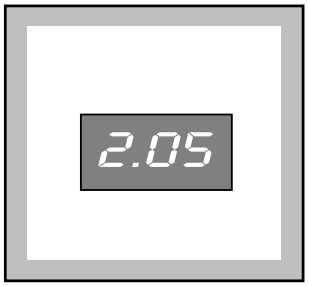
Cancelling – Duration of the programme – Delayed start – Incorrect option selection – Alarm code – End of programme.

Cancelling

If a programme has been cancelled – programme selector dial on position **O** – display and all the lights are off.

Duration of the selected programme

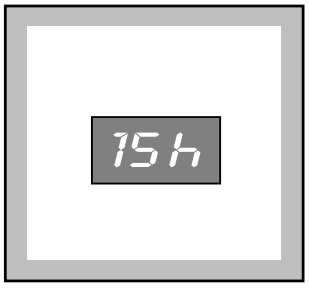
After selecting a programme, the duration is displayed in hours and minutes (for example 2.05).



The duration is calculated automatically on the basis of the maximum recommended load for each type of fabric.
After the programme has started, the time remaining is updated every minute.

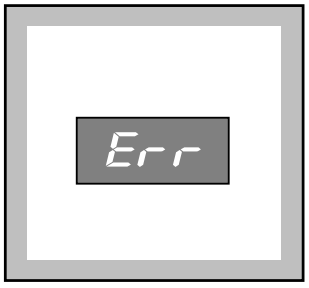
Delayed start

The selected delay (23 hours max) set by means of the relevant button appears on the display for 3 seconds, then the duration of the previously selected programme is displayed.
The countdown is updated every hour.



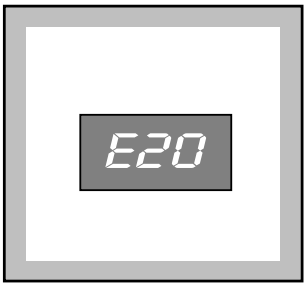
Incorrect option selection

If an option which is not compatible with the set wash programme is selected, the message Err is displayed for 2 seconds and 3 acoustic signals will be heard.



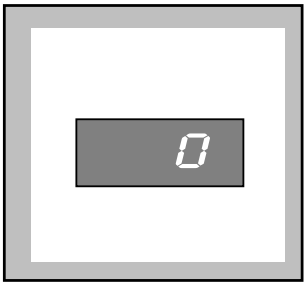
Alarm code

In the event of operating problems, some alarm codes can be displayed, for example E20 (see paragraph “Something not working”).

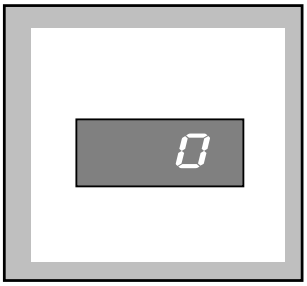


End of programme

When the programme has finished a flashing zero is displayed.



7 START/PAUSE button



This button has two functions:

Start – Pause.

Start

After having selected the required programme, press this button to start the machine; the corresponding pilot light stops flashing.

If you have selected the delayed start, the machine begins its countdown. The duration of the programme or the delay appears on the display.

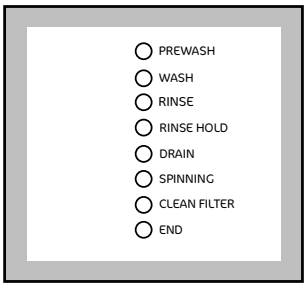
Pause

To interrupt a programme which is running, depress the START/PAUSE button: the corresponding pilot light starts start to flash.
To restart the programme from the point at which it was interrupted, **press the START/PAUSE button again**.

8 Programme progress dispaly

By selecting the wash programme, the pilot lights corresponding to the various phases making up the programme come on.

After the machine has started, only the running phase pilot light stays on. When the programme has finished, the END light comes on.



The END pilot light flashes in the event of operating problems. And the relative alarm code appears on the display.

E10 = the machine does not fill

E20 = the machine does not empty

E40 = the door has not been closed

To eliminate the problem, see paragraph “Something not working”.

Programme information

Rinses

With this programme it is possible to rinse and spin the garments which have been washed by hand. The machine performs 3 rinses, followed by a final spin at the maximum speed.
The spin speed can be reduced by depressing SPIN button.
The final spin is foreseen only for cotton items as in the spin programme.

Drain

For emptying out the water of the last rinse in programmes with the NIGHT CYCLE option. Turn first the programme selector dial to **O**, then select programme and depress the START/PAUSE button.

Spin

Separate spin at the max. for hand washed garments. It has to be used for cotton items. You can reduce the speed by means of SPIN button to adapt it to the fabrics to be spun.

Delicate spin

Separate short spin at the maximum speed 700 rpm for hand washed garments. It has to be used for synthetic, delicate, wool/handwashed items. You can reduce the speed by means of SPIN button to adapt it to the fabrics to be spun.

Short cycle

This is a complete programme that can be combined with the following options:
Spin speed reduction, NIGHT CYCLE and delayed start.
To be used for laundry which is lightly soiled or which needs freshening up.
Max. load 3 kg.
Washing temperature 30 C.
Programme duration 30 minutes.
Final spin speed 700 rpm.

Off/reset = O

To reset a programme turn the selector dial to **O**.
Now can a new programme be selected.

ⓘ Washing hints

Sorting the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows:
whites, coloureds, synthetics, delicates, woollens.

Temperatures

90°-95° for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)

60° for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).

(cold) for delicate items (e.g. net curtains),

30°-40° mixed laundry including synthetic fibres and woollens.

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their "whiteness" in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).

Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Maximum loads

Recommended loads are indicated in the programme charts.

General rules:

Cotton, linen: drum full but not too tightly packed;

Synthetics: drum no more than half full;

Delicate fabrics and woollens: drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.

For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

bathrobe	1200 g
napkin	100 g
quilt cover	700 g
sheet	500 g
pillow case	200 g
tablecloth	250 g
towelling towel	200 g
tea cloth	100 g
night dress	200 g
ladies' briefs	100 g
man's work shirt	600 g
man's shirt	200 g
man's pyjamas	500 g
blouse	100 g
men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.

Mould stains: treat with bleach, rinse well (whites and fast coloureds only).

Grass: soap lightly and treat with bleach (whites and fast coloureds only).

Ball point pen and glue: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Remove any residual marks from white fabrics with bleach.

Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any

residual marks with bleach.

Ink: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

(*) do not use acetone on artificial silk.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment. Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.

All commonly available washing machine detergents may be used in this appliance:

– powder detergents for all types of fabric,

– powder detergents for delicate fabrics (60°C max) and woollens,

– liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using concentrated powder or liquid detergents, a programme **without** prewash must be selected.

The washing machine incorporates a recirculation system which allows an optimal use of the concentrated detergent.

Pour liquid detergent into the dispenser drawer compartment marked **just before** starting the programme.

Any fabric softener or starching additives must be poured into the compartment marked before starting the wash programme.

Follow the product manufacturer’s recommendations on quantities to use and **do not exceed the «MAX» mark in the detergent dispenser drawer.**

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.

Water hardness is classified in so-called “degrees” of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

Follow the product manufacturers’ instructions on quantities to use.

Use less detergent if:

– you are washing a small load,

– the laundry is lightly soiled,

– large amounts of foam form during washing.

International wash code symbols

These symbols appear on fabric labels, in order to help you choose the best way to treat your laundry.

Energetic wash **Delicate wash**	 Max. wash temperature 95°C	 Max. wash temperature 60°C 	 Max. wash temperature 40°C 	 Max. wash temperature 30°C 	 Hand wash	 Do not wash at all

 Bleaching	 Bleach in cold water	 Do not bleach

 Ironing	 Hot iron max 200°C	 Warm iron max 150°C	 Lukewarm iron max 110°C	 Do not iron

 Dry cleaning	 Dry cleaning in all solvents	 Dry cleaning in perchlorethylene, petrol, pure alcohol, R 111 & R 113	 Dry cleaning in petrol, pure alcohol and R 113	 Do not dry clean

 Drying	 Flat	 On the line	 On clothes hanger	 high temperature low temperature Tumble dry	 Do not tumble dry

Operating sequence

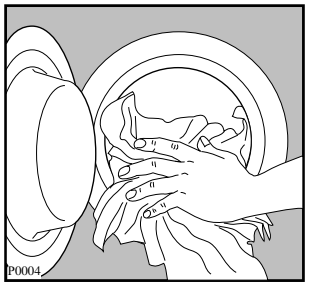
Before the first wash we recommend that you pour 2 litres of water into the main wash compartment II of the detergent drawer in order to activate the ECO valve. Then run a cotton cycle at 60°C, with the machine empty, in order to remove any manufacturing residue from the drum and tub.
Pour half a measure of detergent into the main wash compartment and start up the machine.

1. Place the laundry in the drum

Open the door.

Place the laundry in the drum, one item at a time, shaking them out as much as possible.

Close the door.



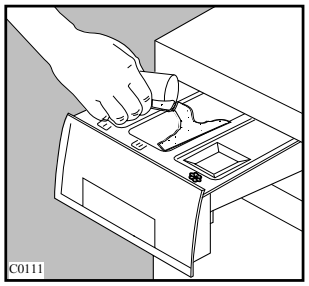
2. Measure out the detergent

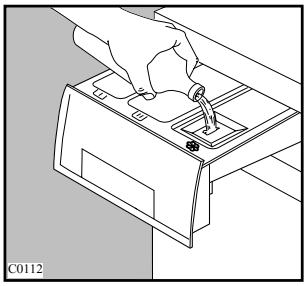
Pull out the dispenser drawer until it stops. Measure out the amount of detergent recommended by the manufacturer in a graduated cup and pour it into the main wash compartment II.

If you wish to carry out the prewash, pour detergent into the appropriate compartment marked I.

3. Measure out the additive

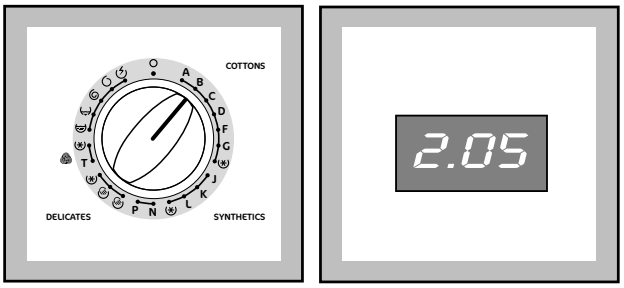
If required, pour fabric softener into the compartment marked ❀, **without exceeding the «MAX» mark.**





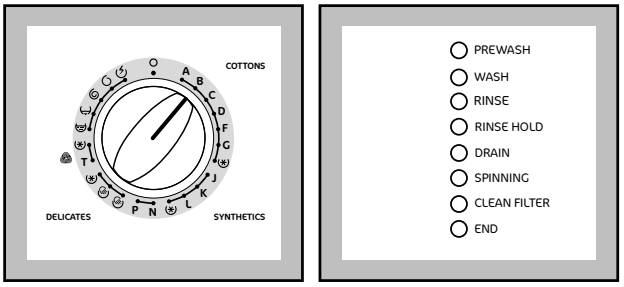
4. Switch the machine on

Turn the selector dial to the desired programme to switch the appliance on.
To switch the appliance off turn it to **O**.



5. Select the desired programme

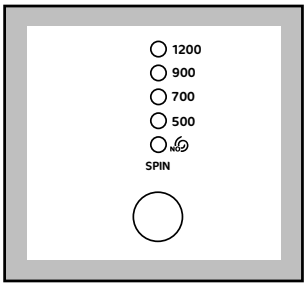
Turn the selector dial to the desired position: the lights corresponding to the different phases making up the selected programme light on.



The duration of the programme appears in the display.

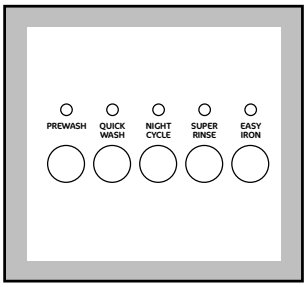
6. Select the spin speed or the NO (no spin) option

Press the Spin speed button repeatedly, in order to select the desired spin speed or the NO option. The relevant light will light up.



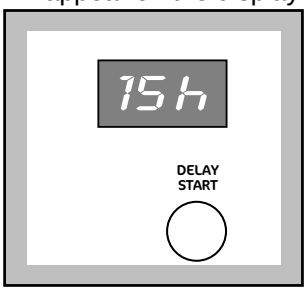
7. Select the desired options

The light corresponding to the depressed button illuminates.



8. Select the DELAY START option

To delay starting of the programme, press the DELAY start button. The figures corresponding to the selected delay will be displayed for about 3 seconds, after which the duration of the selected programme will appear on the display.



During this period it is possible to load other laundry:

- depress START/PAUSE button;
- open the door:
- load the laundry;
- colse the door and depress START/PAUSE button again.

9. Start the programme

Press the START/PAUSE button. The relevant light will stop flashing, and only the light relevant to the phase that is in progress will remain lit.
If you have chosen a delayed start, the washing machine will begin the countdown.
The display will show the duration of the programme or the selected delay.

10. Altering a programme

You can alter the programme before it starts.
When the programme has started, you can only reset it by turning the programme selector dial to **O** and then you can select the new programme. Start it by depressing the START/PAUSE button.

11. Interrupting a programme

Depress the START/PAUSE button to interrupt a programme which is running, the corresponding light starts to flash. Depress the same button again to restart the programme.

12. Cancelling a programme

Turn the selector dial to **O** to cancel a programme which is running. Now you can select a new programme.

13. Opening the door after the programme has started

First set the machine to PAUSE by pressing the START/PAUSE button.
If the door does not open, this means that the machine is already heating, that the water level is above the bottom edge of the door or that the drum is turning.
If you cannot open the door but you need to open it you have to switch the machine off turning the selector dial to **O**. After about 3 minutes the door can be opened (pay attention to the water level and temperature!). To restart the programme turn the dial to the previous programme repeating the options previously selected and press START/PAUSE button.

14. At the end of the programme

The machine stops automatically.
If the NIGHT CYCLE option has been selected the porthole remains blocked, the light of the START/PAUSE button goes off, the RINSE HOLD pilot light and the NIGHT CYLCE light remain lit, to indicate that the water must be emptied out before opening the door. The display shows a blinking zero and some acoustic signals will be heard for about two minutes. It is possible to eliminate the acoustic signals by means of the SUPER RINSE button and the START/PAUSE button together.
Turn the programme selector dial to Reset **O** to switch the machine off .
Remove the laundry from the drum and carefully check that the drum is empty so as to avoid any forgotten items being damaged in a subsequent wash (e.g. shrinking) or their colour running into a load of whites.
If you do not intend to carry out another wash, close the water tap.
Leave the door open to prevent the formation of mildew and unpleasant smells.

Programme chart

Washing programmes for cotton, linen and synthetics

Position on the selector	Temp.	Type of fabric	Programme description	Max. load	Additional functions
A	**95°**	White cotton	Wash at 95°C 3 rinses Long spin	6,5 kg	Prewash Quick wash Night cycle Super rinse Easy iron Spin/
B	**60°**	Cotton Economy	Wash at 60°C 3 rinses Long spin	6,5 kg	Prewash Night cycle Super rinse Easy iron Spin/
C	**60°**	Lightly soiled whites and fast coloureds	Wash at 60°C 3 rinses Long spin	6,5 kg	Prewash Quick wash Night cycle Super rinse Easy iron Spin/
D	**40°**	Lightly soiled non-fast coloureds Economy	Wash at 40°C 3 rinses Long spin	6,5 kg	Prewash Night cycle Super rinse Easy iron Spin/
F - G -	**30°-40°**	Non-fast coloureds	Wash at - 30°-40°C 3 rinses Long spin	6,5 kg	Prewash Quick wash Night cycle Super rinse Easy iron Spin/
J - K - L -	**-30° 40°-60°-**	Synthetics	Wash at - 30°-40°-60°C 3 rinses Long spin	3 kg	Prewash Quick wash Night cycle Super rinse Easy iron Spin/

Programme chart

Washing programmes for delicates, handwash, wool

Position on the selector	Temp./Progr.	Type of fabric	Programme description	Max. load	Additional functions
N-P	**30°-40°**	Delicate fabrics	Wash at 30°-40°C 3 rinses Short spin	3 kg	Prewash Quick wash Night cycle Super rinse Spin/
-	**-30°-40°**	Handwash e.g. curtains, silks	Wash at -30°-40°C 3 rinses Short spin	2 kg	Night cycle Spin/
T-	**-40°**	Wool	Wash at -40°C 3 rinses Short spin	2 kg	Night cycle Spin/
	30°	Short cycle for lightly soiled fabrics	Wash at 30°C 3 rinses Short spin	3 kg	Night cycle Spin/

Programme chart

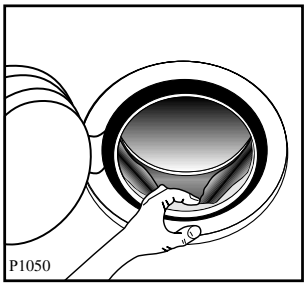
Special programmes

Position on the selector	Programme	Programme description	Max. load	Additional functions
Rinses	For rinses hand washed items	3 rinses with liquid additive, if required Long spin at max. speed	6,5 kg	Night cycle Super rinse Easy iron Spin/
Drain	For emptying out the water of the last rinse of programmes with option NIGHT CYCLE	Water draining	/	Night cycle Spin/
	Separate spin for cottons	Drain and long spin at max. speed	6,5 kg	Night cycle Spin/
	Separate short spin for synthetics, delicates, wool and handwash	Drain and delicate spin	6,5 kg	Night cycle Spin/
O **Reset/Off**	For cancelling the programme which is running or to switch the machine off		/	

Maintenance

1. Door seal

Check from time to time the door seal and eliminate eventual possible objects that could be trapped in the fold.



2. Bodywork

Clean the outside of the machine with warm water and a neutral, non-abrasive household detergent. Rinse with clean water and dry with a soft cloth.

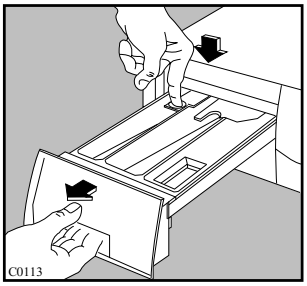
Important: do not use methylated spirits, solvents or similar products to clean the bodywork.

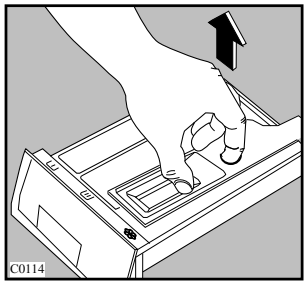
3. Detergent dispenser drawer

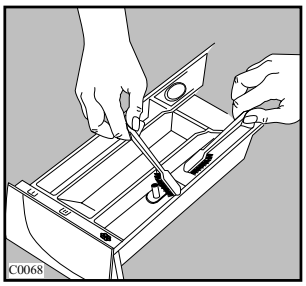
After a while, detergents and fabric softeners leave deposits in the drawer.

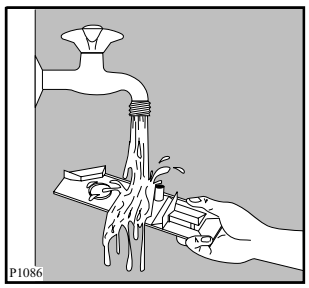
Clean the drawer from time to time by rinsing it under a running tap. To remove the drawer from the machine, press the button in the rear left-hand corner.

To facilitate cleaning, the top part of the additive compartment can be removed.

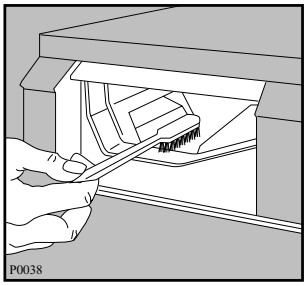








Detergent can also accumulate inside the drawer recess: clean it with an old toothbrush. Refit the drawer after cleaning.



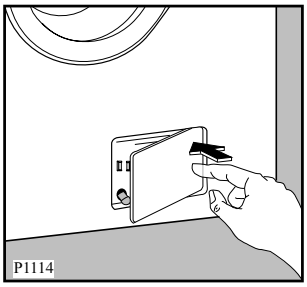
4. Drain pump

The pump should be inspected regularly and particularly if

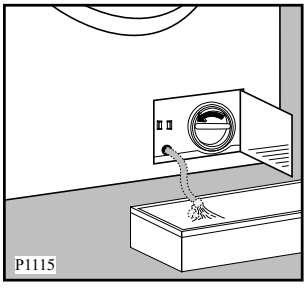
- the machine does not empty and/or spin
- the machine makes an unusual noise during draining due to objects such as safety pins, coins etc. blocking the pump.

Proceed as follows:

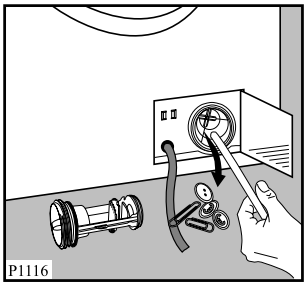
- Disconnect the appliance.
- If necessary wait until the water has cooled down.
- Open the pump door.



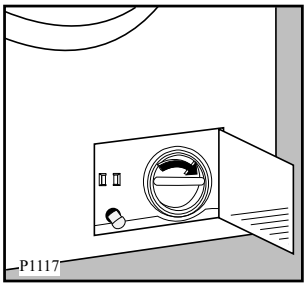
- Place a container close to the pump to collect any spillage.
- Release the emergency emptying hose, place it in the container and remove its cap.
- When no more water comes out, unscrew the pump and remove it. Always keep a rag nearby to dry up spillage of water when removing the pump.



- Remove any objects from the pump impeller by rotating it.



- Put the cap back on the emergency emptying hose and place the latter back in its seat.



- Screw the pump fully in.
- Close the pump door.

5. Water inlet filter

If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.

Turn off the water tap.

Unscrew the hose from the tap.

Clean the filter with a stiff brush.

Screw the hose back onto the tap

6. Emergency emptying out

If the water is not discharged, proceed as follows to empty out the machine:

- pull out the plug from the power socket;
- close the water tap;
- if necessary, wait until the water has cooled down;
- open the the pump door;
- place a bowl on the floor and place the end of the emergency emptying hose into the bowl. Remove its cap. The water should drain by gravity into the bowl. Whe the bowl is full, put the cap back on the hose. Empty the bowl. Repeat the procedure until water stops flowing out;
- clean the pump if necessary as previously described;
- replace the emergency emptying hose in its seat after having plugged it;
- screw the pump again and close the door.

7. Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, proceed as follows:

- Remove the plug from the socket.
- Close the water tap and unscrew the water inlet hose from the tap.
- Place the end of the emergency emptying hose and that of the inlet hose in a bowl placed on the floor and let water drain out.
- Screw the water inlet hose back on and reposition the emergency emptying hose after having put the cap on again.

By doing this, any water remaining in the machine is removed, avoiding the formation of ice and, consequently, breakage of the affected parts.

When you use the machine again, make sure that the ambient temperature is above 0°C.

Important!

Every time you drain the water through the emergency emptying hose you must pour 2 litres of water into the main wash compartment of the detergent drawer and then run the drain programme. This will activate the ECO valve avoiding that part of the detergent remains unused at next washing.

Something not working?

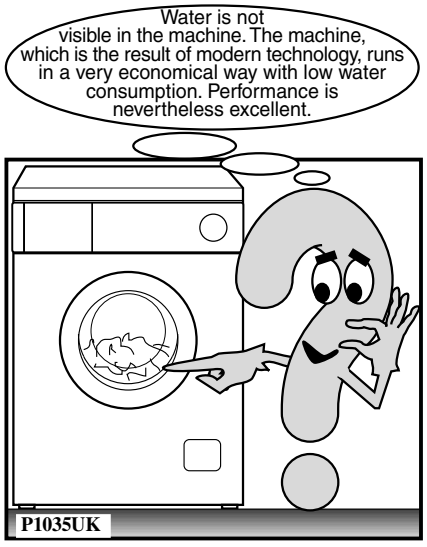
Problems which you can resolve yourself.
During machine operation it is possible that one of the following alarm codes appears on the display, the END light flashes and simultaneously the buzzer sounds indicating a fault in machine operation:

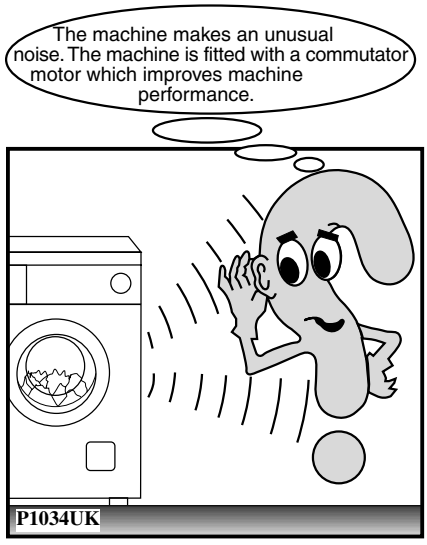
- **E10**: problem with the water supply
- **E20** : problem with water draining
- **E40** : door open

Once the problem has been eliminated, press the START/PAUSE button to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

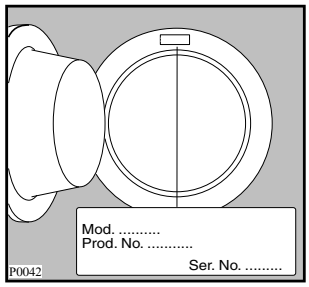
Problem	Possible cause
• **The machine does not start up:**	• The door is not firmly closed. **(E40)** • The machine is not plugged in or there is no power at the socket. • The main fuse or the fuse in the plug has blown. • The START/PAUSE button has not been depressed. • The DELAY START has been selected.
• **The machine does not fill:**	• The water tap is closed. **(E10)** • The inlet hose is squashed or kinked. **(E10)** • The filter in the inlet hose is blocked. **(E10)** • The door is not properly closed. **(E40)**
• **The machine fills then empties immediately:**	• The end of the drain hose is too low. Refer to relevant paragraph in “water drainage” section.
• **The machine does not empty and/or does not spin:**	• The drain hose is squashed or kinked. **(E20)** • The NIGHT CYCLE option has been selected. • The drain pump is clogged. **(E20)** • The (no spin) option has been selected.
• **There is water on the floor:**	• Too much detergent or unsuitable detergent (creates too much foam) has been used. • Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. • The drain hose is damaged. • The cap on the emergency emptying hose has not been replaced after cleaning the filter.
• **Unsatisfactory washing results:**	• Too little detergent or unsuitable detergent has been used. • Stubborn stains have not been treated prior to washing. • The correct temperature or fabric was not selected. • Excessive laundry load.

Problem	Possible cause
• **The machine vibrates or is noisy:**	• The transit bolts and packing have not been removed. • The support feet have not been adjusted. • The laundry is not evenly distributed in the drum. • Maybe there is very little laundry in the drum.
• **The door will not open:**	• The programme is still running, the drum is turning. • The door lock has not yet released. • The water level is above the bottom edge of the door. • The machine is heating the water.
• **Spinning starts late or the laundry is not spun enough:**	• The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after few minutes, the laundry is still not evenly distributed in the drum, the machine will spin at a lower speed or will not spin. If at the end of the programme the laundry is not spun enough, redistribute the load manually and select the spin programme.


Water is not visible in the machine. The machine, which is the result of modern technology, runs in a very economical way with low water consumption. Performance is nevertheless excellent.
P1035UK


The machine makes an unusual noise. The machine is fitted with a commutator motor which improves machine performance.
P1034UK

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



MADE IN ITALY